

Analyte	Station ID Sample ID Sample Date Sample time Latitude Longitude				GKMSE24 GKMSE24 081615 8/16/2015 14:35 (b) (6)
					Sub Location
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg dry wt		3300000	11000 J
Antimony	7440-36-0	mg/kg dry wt		1300	0.51 J-
Arsenic	7440-38-2	mg/kg dry wt		4200	32
Barium	7440-39-3	mg/kg dry wt		670000	110 J+
Beryllium	7440-41-7	mg/kg dry wt		6700	1.1 J
Cadmium	7440-43-9	mg/kg dry wt		1700	2.1 J
Calcium	7440-70-2	mg/kg dry wt			3200 J
Chromium	7440-47-3	mg/kg dry wt		4300000	9.3
Cobalt	7440-48-4	mg/kg dry wt		1000	9.9 J
Copper	7440-50-8	mg/kg dry wt		130000	160 J
Iron	7439-89-6	mg/kg dry wt		2300000	44000 J
Lead	7439-92-1	mg/kg dry wt		20000	640 J
Magnesium	7439-95-4	mg/kg dry wt			3700 J
Manganese	7439-96-5	mg/kg dry wt		160000	1300 J
Mercury	7439-97-6	mg/kg dry wt		1000	0.1
Molybdenum	7439-98-7	mg/kg dry wt		17000	7.8
Nickel	7440-02-0	mg/kg dry wt		67000	8.9 J
Potassium	7440-09-7	mg/kg dry wt			1800 J+
Selenium	7782-49-2	mg/kg dry wt		17000	1.3
Silver	7440-22-4	mg/kg dry wt		17000	4.3
Sodium	7440-23-5	mg/kg dry wt			130 J
Thallium	7440-28-0	mg/kg dry wt		33	0.32
Vanadium	7440-62-2	mg/kg dry wt		17000	32
Zinc	7440-66-6	mg/kg dry wt		1000000	680 J

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

\* = The result exceeds maximum contaminant level

Highlighted Yellow: indicates result exceeded Screening Value



Analyte	Station ID Sample ID Sample Date Sample time Latitude Longitude				GKMSE25 GKMSE25 081615 8/16/2015 14:40 (b) (6)
					Sub Location
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg dry wt		3300000	15000 J
Antimony	7440-36-0	mg/kg dry wt		1300	0.51 J-
Arsenic	7440-38-2	mg/kg dry wt		4200	32
Barium	7440-39-3	mg/kg dry wt		670000	210 J+
Beryllium	7440-41-7	mg/kg dry wt		6700	1.3 J
Cadmium	7440-43-9	mg/kg dry wt		1700	4.1 J
Calcium	7440-70-2	mg/kg dry wt			7500 J
Chromium	7440-47-3	mg/kg dry wt		4300000	14
Cobalt	7440-48-4	mg/kg dry wt		1000	14 J
Copper	7440-50-8	mg/kg dry wt		130000	220 J
Iron	7439-89-6	mg/kg dry wt		2300000	48000 J
Lead	7439-92-1	mg/kg dry wt		20000	700 J
Magnesium	7439-95-4	mg/kg dry wt			6800 J
Manganese	7439-96-5	mg/kg dry wt		160000	2200 J
Mercury	7439-97-6	mg/kg dry wt		1000	0.089
Molybdenum	7439-98-7	mg/kg dry wt		17000	7.1
Nickel	7440-02-0	mg/kg dry wt		67000	13 J
Potassium	7440-09-7	mg/kg dry wt			2800 J+
Selenium	7782-49-2	mg/kg dry wt		17000	1.3
Silver	7440-22-4	mg/kg dry wt		17000	4.8
Sodium	7440-23-5	mg/kg dry wt			160 J
Thallium	7440-28-0	mg/kg dry wt		33	0.38
Vanadium	7440-62-2	mg/kg dry wt		17000	37
Zinc	7440-66-6	mg/kg dry wt		1000000	960 J

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UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

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Analyte	Station ID Sample ID Sample Date Sample time Latitude Longitude				GKMSE26 GKMSE26 081615 8/16/2015 15:01 (b) (6)
					Sub Location
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg dry wt		3300000	7400 J
Antimony	7440-36-0	mg/kg dry wt		1300	0.72 J-
Arsenic	7440-38-2	mg/kg dry wt		4200	34
Barium	7440-39-3	mg/kg dry wt		670000	92 J+
Beryllium	7440-41-7	mg/kg dry wt		6700	0.81 J
Cadmium	7440-43-9	mg/kg dry wt		1700	1.1 J
Calcium	7440-70-2	mg/kg dry wt			1900 J
Chromium	7440-47-3	mg/kg dry wt		4300000	6.1
Cobalt	7440-48-4	mg/kg dry wt		1000	5.2 J
Copper	7440-50-8	mg/kg dry wt		130000	170 J
Iron	7439-89-6	mg/kg dry wt		2300000	43000 J
Lead	7439-92-1	mg/kg dry wt		20000	830 J
Magnesium	7439-95-4	mg/kg dry wt			2300 J
Manganese	7439-96-5	mg/kg dry wt		160000	830 J
Mercury	7439-97-6	mg/kg dry wt		1000	0.067
Molybdenum	7439-98-7	mg/kg dry wt		17000	9.3
Nickel	7440-02-0	mg/kg dry wt		67000	4.2 J
Potassium	7440-09-7	mg/kg dry wt			1600 J+
Selenium	7782-49-2	mg/kg dry wt		17000	1.6
Silver	7440-22-4	mg/kg dry wt		17000	5.5
Sodium	7440-23-5	mg/kg dry wt			130 J
Thallium	7440-28-0	mg/kg dry wt		33	0.36
Vanadium	7440-62-2	mg/kg dry wt		17000	29
Zinc	7440-66-6	mg/kg dry wt		1000000	410 J

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